## **CLAIMS**

What is claimed is:

A modular AC section for a power supply unit that provides electrical power to a plurality 1. 1 2 of electrical equipment, comprising: a top in which a plurality of holes are formed and into which screws are inserted for 3 4 attaching said modular AC section to said power supply unit; 5 a back adjacent said top; a circuit breaker attached either to said top or back; 6 a connector attached to said top, said connector adapted to mate with a corresponding 7 connector from a power supply module inserted into the modular power supply 8 9 unit; and wiring that connects said circuit breaker to said connector. 10 The modular AC section of claim 1 wherein said connector comprises a blind mating 2. 1 2 connector. The modular AC section of claim 1 wherein said connector comprises a blind mating and 1 3. 2 hot pluggable connector. The modular AC section of claim 1 further including a plurality of connectors attached to 1 4. said top and adapted to mate with corresponding connectors from power supply modules inserted 2 3 into the modular power supply unit.

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7	a top in which a plurality of holes are formed and into which screws are
8	inserted for attaching said AC section to said power supply housing;
9	a back adjacent said top;
1()	a circuit breaker attached either to said top or back:
11	a connector attached to said top, said connector adapted to mate with a
12	corresponding connector from a power supply module inserted into
13	the power supply housing; and
14	wiring that connects said circuit breaker to said connector.
1	13. The rack of electrical computer equipment of claim 12 wherein said connector comprises a
2	blind mating connector.
1	14. The rack of electrical computer equipment of claim 12 further including a plurality of
2	connectors attached to said top and adapted to mate with corresponding connectors from power
3	supply modules inserted into the power supply housing.
1	15. The rack of electrical computer equipment of claim 14 wherein said connectors comprise
2	blind mating connectors.
ì	16. The rack of electrical computer equipment of claim 12 further including a plurality of

circuit breakers.

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